BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Improvments Roads and Drains at Vijayalakshmi Layout and Bagalagunte ward no:14

Sl	Description of Item	Unit	Est. Cost Rs				19.00	Lakhs	
			No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)								
		Cum	1	233.00	1.50	0.20	69.90		
	other Cross roads		2	233.00	0.45	0.40	83.88		
							153.78	86.92	13367.00
	Basic Rate	82.00							
	Add Area Weightage 6%	4.92							
	Total	86.92							
2	Removing B.S.Slab of drain and stacking etc., complete Page No. 25/ Item No. 5.32/ PWD SR 2016-17								
		Sqm	2	233.00	0.90		419.40		
		Consider 60% Qty					251.64		
	Basic Rate	62.00					~~167.76~~	65.72	~~11025.00~~
	Add Area Weightage 6%	3.72					251.64		16538.00
	Total	65.72							
3	KSRB 4-1.3: Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 ~~(P.12/I.4.3)~~ PWD - SR 2016-17)								
		Cum	1	233.00	1.50	0.15	52.43		
			4	233.00	0.20	0.15	27.96		
	Basic Rate	4867.00					80.39	~~5159.02~~	~~414708.00~~
	Add Area Weightage 6%	292.02							414734.00
	Total	~~5159.02~~							
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix **M1:2:4** with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2016-17)								

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		cum	1	233.00	1.50	0.10	34.95		
		Cum	4	233.00	0.20	0.05	9.32		
	Basic Rate	5441.00					44.27	5767.46	255325.00
	Add Area Weightage 6%	326.46							
	Total	**5767.46**							
5	Refixing stone slabs of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2016-17								
		Sqm	Qty Vide Iteam No 2				251.64	80.56	20272.00
	Basic Rate	76.00							
	Add Area Weightage 6%	4.56							
	Total	**80.56**							
6	Providing **Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick (P. 25 I. 5.31.1) Page No. 25/ Item No. 5.31.1/ PWD SR 2016-17								
		Sqm	Qty vied Item No 02				419.40		
		Deduct Availabe Qty Vide Iteam No 2					251.64		
	Basic Rate	628.00					167.76	665.68	111674.00
	Add Area Weightage 6%	37.68							
	Total	**665.68**							
7	KSRB 5-14 : Providing and constructing **precast concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.27/ PWD SR 2016-17								
		Sqm	4	~~233.00~~ 225	0.40	~~360.00~~	~~372.80~~		
	Basic Rate	937.00	4	8.00	0.20	+ 6.40 366.40	~~372.80~~ 366.40	993.22	~~370272.00~~ 363916.00
	Add Area Weightage 6%	56.22							
	Total	**993.22**							
8	Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
		Sqm	2	233.00	0.90		419.40		
	Data Rates Approved						419.40	1600.00	671040.00
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100 4.1 ..... Rs. ~~2.00~~ 3.50 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17							80.80	
		Cum	Qty Vide Item No. 1				153.78	~~85.65~~	~~13171.00~~ 12425.00

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Loading and Unloading	68.00							
	Lead 4 KMs	12.80							
		80.80							
	Add Area Weightage 6%	4.85							
	Total	85.65							
10	Quality control Test Charges 1%								19000.00
11	Miscellaneous and UnforessenCharges								146.00
								Total	1900000.00

(Rupees.Ninteen Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. CE/02/AS/63/16-17 ದಿನಾಂಕ : 09/01/17
ರೂ. ಹತ್ತೊಂಭತ್ತ ಲಕ್ಷಗಳು/-19.00 ಲಕ್ಷ/-
Rs. Ninteen lakhs/- ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. EE/DD/TS/90/16-17 ದಿನಾಂಕ : 10.01.17
ರೂ. Nineteen lakhs only
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